

Ideation Phase

Brainstorm & Idea Prioritization Template

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| Date | 31 January 2025 |
| Team ID | LTVIP2025TMID33633 |
| Project Name | Grain palette-a deep learning odyssey in rice type classification |
| Maximum Marks | 4 Marks |

Brainstorm & Idea Prioritization Template:


Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Reference: <https://www.mural.co/templates/brainstorm-and-idea-prioritization>

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Template



Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

⌚ 10 minutes to prepare
🕒 1 hour to collaborate
👥 2-8 people recommended

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

⌚ 10 minutes

A Team gathering

Our team consists of members collaborating on developing an AI based rice grain classifier. Each member contributed to the brainstorming process by bringing in unique ideas around model selection, app development, and project planning.

B Set the goal

The goal of our brainstorming session was to find the most efficient and scalable way to automate rice type classification using deep learning and image processing. We aimed to explore practical solutions that are technically feasible and beneficial for real-world use.

C Learn how to use the facilitation tools

All team members used Mural's collaborative features to contribute ideas, write sticky notes, and organize our thinking. We utilized tools such as sticky notes, text boxes, and zoom controls to navigate and participate efficiently.

Open article →

1 Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

⌚ 5 minutes

PROBLEM

Manual identification of rice grain types is time consuming and error prone. An intelligent system is needed to automatically classify rice grains using image-based AI technology.

Key rules of brainstorming

To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

TIP

You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

| Person 1 | Person 2 | Person 3 | Person 4 |
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3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

20 minutes

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.



Step-3: Idea Prioritization

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

